Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Saturday 16 Dec 2023 until 23:59 on Sunday 17 Dec 2023

Forecast Issued on Friday 15 Dec 2023 at 13:31

Confidence: High for cloudy and windy conditions over the weekend with rain at times. Lower confidence for details next week with some uncertainty in the track and development of weather fronts.

Headline for Saturday 16 Dec 2023: Strong and gusty winds. Poor visibility on the tops.

Mountain weather hazards on Saturday 16 Dec 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG	FOG	FOG	FOG	FOG	FOG	FOG
Fog	Fog	Fog	Fog	Fog	Fog	Fog	Fog
Precipitation probability							
30%	30%	30%	30%	30%	30%	30%	30%

Forecast for Saturday 16 Dec 2023

Weather: Cloudy with patchy light rain or drizzle but some dry spells, especially in the east. Strong winds on the tops and moors will impede progress at times.

Chance of cloud-free hill tops above 600m: 20%.

Low cloud and visibility: Extensive cloud and fog above 400 or 500m, mainly over Dark Peak. Eastern and southern hills will have more broken and slightly higher cloud bases. At lower levels, below the cloud, visibility generally good but falling to a few kilometres in drizzly outbreaks.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Saturday 16 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	27/36 W	26/35 SW	24/32 SW	25/33 SW	26/36 SW	28/38 SW	29/40 SW	29/41 SW	30/43 SW
300	16/26 SW	16/26 SW	15/24 SW	16/25 SW	18/27 SW	17/26 SW	18/29 SW	20/32 SW	20/32 SW
Valley	10/24 SW	11/25 SW	10/23 SW	10/23 SW	12/24 SW	11/24 SW	10/24 SW	12/27 SW	13/28 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/1	6/0	6/0	6/0	6/1	6/1	6/0	6/0	6/0
300	8/5	8/4	8/4	8/4	8/4	8/5	8/4	8/4	8/4
Valley	8/6	8/6	8/6	8/6	9/6	9/7	8/6	9/6	9/6
Freezing Level*	2300m	2400m	2300m	2200m	2300m	2300m	2000m	2100m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A windy day in the hills with gusts of around 50mph above 600m. Some buffeting and slow walking conditions at times.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Fri 15 Dec 2023	0mm	19.3mm	20.5mm

Forecast for Sunday 17 Dec 2023

Weather: A mostly cloudy day with occasional light drizzle but some bright intervals are possible in the afternoon. Strong and gusty winds on the tops and moors.

Maximum wind: Southwesterly 35 to 45mph gusts 55mph.

Chance of cloud-free hill tops above 600m: 20%, becoming 40% in afternoon.

Low cloud and visibility: Extensive cloud and fog above 400m in the morning, rising above the summits at times in the afternoon. At lower levels, below the cloud, visibility generally good but falling to a few kilometres in drizzly outbreaks.

Temperature: **Valleys:** Plus 9C rising to 11C.
At 600m: Plus 7C.
Freezing level: Well above the summits.

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